



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 37697-0080

Applicant(s) Edward W. MERRILL *et al.*

Confirmation No.: 6478

Appl. No.: 10/696,709

Group Art Unit: 1724

Filing Date: October 30, 2003

Examiner: Unassigned

Title: RADIATION AND MELT TREATED ULTRA HIGH MOLECULAR
WEIGHT POLYETHYLENE PROSTHETIC DEVICES

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56 and 37 CFR §1.97**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08A is a listing of documents known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 C.F.R. §1.56 and §1.97. A copy of each of the listed documents are being submitted to comply with the provisions of 37 C.F.R. §1.97-1.99.

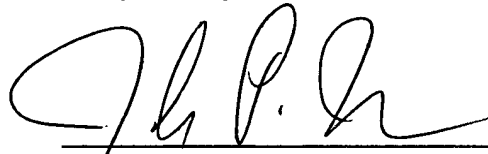
The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

Applicants believe that the instant Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits under 37 CFR §1.97(b)(3), therefore, no fee is required in connection with its filing.

English translations of the foreign-language documents may not be readily available; however, the absence of such translations does not relieve the PTO from its duty to consider the submitted documents (37 CFR §1.98 and MPEP §609).

Applicants respectfully request that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. §609.

Respectfully submitted,



John P. Isacson
Reg. No. 33,715

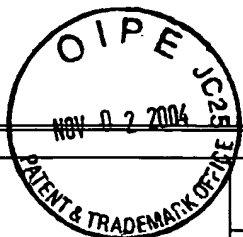
November 2, 2004
Date

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Customer No. 26633



Sheet 1 of 2 Form PTO/SB/08A		ATTY DOCKET NO. 37697-0080		SERIAL NO. 10/696,709		
LIST OF REFERENCES CITED BY APPLICANT(S)				APPLICANT(S) Edward W. MERRILL et al.		
Date Submitted: November 2, 2004				FILING DATE October 30, 2003		
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE (M/D/Y)	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B01	6,786,933	MERRILL ET AL.	623	23.58	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE (M/D/Y)	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	B02	WO94/27651	WIPO			
	B03	WO93/10953	WIPO			
	B04	EP0847765	EPO			
	B05	EP1005872	EPO			
	B06	AU-B-64364/94	Australia			
	B07	JP62243634	Japan			Abstract
	B08	JP59168050	Japan			Abstract
	B09	BE1001574A6	Belgium			No
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
	B10	Bennett et al.	42 nd Annual Meeting, Orthopaedic Research Society, Atlanta, GA (2/19-22/96)			
	B11	de Boer et al.	Polymer 23: 1944-1952 (1982)			
	B12	Grulke	Polymer Process Engineering, p. 419, PTR Prentice Hall (1994)			
	B13	Howmedica	Overview and Fundamentals of UHMWPE, Part 1 of a Series on Ultra-High Molecular Weight Polyethylene, p. 1-8 (1994)			
	B14	Howmedica	Material Properties, Product Quality Control and Their Relation to UHMWPE Performance, Part 2 of a Series on Ultra High Molecular Weight Polyethylene, p. 1-20 (1994)			
	B15	Howmedica	A Comparative Analysis Analysis of the Properties of Standard and "Enhanced" Ultra-High Molecular Weight Polyethylene, Part 3 of a Series on Ultra High Molecular Weight Polyethylene, p. 1-12 (1994)			
	B16	Howmedica	Duration Stabilized UHMWPE, A Polyethylene with Superior Resistance to Oxidation, Part 4 of a Series on Ultra High Molecular Weight Polyethylene, p. 1-12 (1998)			
	B17	Kamel et al.	J. of Polymer Science: Polymer Physics Edition 23: 2407-2409 (1985)			
	B18	Lancaster	Friction and Wear, Polymer Science, Chapter 14: 960-1046 (1972)			
	B19	Li et al.	The Journal of Bone and Joint Surgery 76-A: 1080-1090 (1994)			
	B20	Miller et al.	Wear 28: 207-216 (1974)			
EXAMINER			DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

Form PTO/SB/08A

LIST OF REFERENCES CITED
BY APPLICANT(S)

Date Submitted: October 29, 2004

ATTY DOCKET NO.
37697-0080SERIAL NO.
10/696,709APPLICANT(S)
Edward W. MERRILL et al.FILING DATE
October 30, 2004GROUP
1724

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE (M/D/Y)	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE (M/D/Y)	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	B21	Narkis et al.	J. Macromol. Sci Phys. B26(1): 37-58 (1987)
	B22	Qu et al.	J. of Applied Polymer Science 48: 711-719 (1993)
	B23	Ratner et al.	Abrasion of Rubber 145-154 (1967)
	B24	Rose et al.	Biomaterials 11: 63-67 (1990)
	B25	Rosen	Fundamental Principles of Polymeric Materials, p.40, John Wiley & Sons, Inc. (1993)
	B26	Shen et al.	Wear 30: 349-364 (1974)
	B27	Shinde et al.	J. of Polymer Science: Polymer Physics Edition 23: 1681-1689 (1985)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Application Data Sheet

Application Information

Application number:: 10/696,709
Filing Date:: October 30, 2003
Application Type:: Regular
Subject Matter:: Utility
Suggested classification::
Suggested Group Art Unit::
CD-ROM or CD-R::
Number of CD disks::
Number of copies of CDs::
Sequence submission?::
Computer Readable Form (CRF)?::
Number of copies of CRF::
Title:: RADIATION AND MELT TREATED ULTRA HIGH
MOLECULAR WEIGHT POLYETHYLENE
PROSTHETIC DEVICES
Attorney Docket Number:: 37697-0080
Request for Early Publication?::
Request for Non-Publication?::
Suggested Drawing Figure::
Total Drawing Sheets::
Small Entity?::
Latin name::
Variety denomination name::
Petition included?::
Petition Type::
Licensed US Govt. Agency::
Contractor Grant Numbers::

Correspondence Information

Correspondence Customer Number:: 26633

Name::

Street of mailing address::

City of mailing address::

State or Province of mailing address::

Country of mailing address::

Postal or Zip Code of mailing address::

Phone number::

Fax Number:

E-Mail address::

Representative Information

Representative Customer Number::	26633	
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- OR -

Representative Designation::	Registration Number::	Representative Name::